

U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

FOR IMMEDIATE RELEASE

THURSDAY, NOVEMBER 3, 2005, AT 10:00 A.M. EST

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M3-2 (05)-09
CB05-162

Full Report on Manufacturers' Shipments, Inventories and Orders September 2005

Summary

New orders for manufactured goods in September decreased \$6.8 billion or 1.7 percent to \$390.0 billion, the U.S. Census Bureau reported today. This followed a 2.9 percent increase in August.

Shipments, down following four consecutive monthly increases, decreased \$2.0 billion or 0.5 percent to \$393.0 billion. This followed a 2.1 percent increase in August.

Unfilled orders, up five consecutive months, increased \$4.2 billion or 0.7 percent to \$594.1 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.6 percent August increase. The unfilled orders-to-shipments ratio was 4.19, up from 4.12 in August.

Inventories, down two consecutive months, decreased \$0.4 billion or 0.1 percent to \$462.7 billion. This followed a 0.2 percent August decrease. The inventories-to-shipments ratio was 1.18, up from 1.17 in August.

New Orders

New orders for manufactured durable goods in September, down two of the last three months, decreased \$5.1 billion or 2.4 percent to \$206.5 billion, revised from the previously published 2.1 percent decrease. This followed a 3.9 percent August increase.

Transportation equipment, down three of the last four months, had the largest decrease, \$3.4 billion or 5.5 percent to \$59.0 billion.

New orders for manufactured nondurable goods decreased \$1.7 billion or 0.9 percent to \$183.5 billion.

Shipments

Shipments of manufactured durable goods in September, down two of the last three months, decreased \$0.3 billion or 0.1 percent to \$209.6 billion, revised from the previously published 0.1 percent increase. This followed a 2.4 percent August increase.

Computers and electronic products, down three of the last four months, had the largest decrease, \$0.8 billion or 2.1 percent to \$37.0 billion.

Shipments of manufactured nondurable goods decreased \$1.7 billion or 0.9 percent to \$183.5 billion. This was led by chemical products, which decreased \$2.1 billion or 4.5 percent to \$44.9 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in September, up five consecutive months, increased \$4.2 billion or 0.7 percent to \$594.1 billion, unchanged from the previously published 0.7 percent increase. This was at the highest level since the series began and followed a 1.6 percent August increase.

Computers and electronic products, up five consecutive months, had the largest increase, \$1.0 billion or 0.8 percent to \$117.4 billion.

Inventories

Inventories of manufactured durable goods in September, down three of the last four months, decreased \$0.2 billion or 0.1 percent to \$281.8 billion, unchanged from the previously published 0.1 percent decrease. This followed a 0.3 percent August decrease.

Primary metals, down four consecutive months, had the largest decrease, \$0.2 billion or 0.9 percent to \$24.0 billion.

Inventories of manufactured nondurable goods, down two consecutive months, decreased \$0.2 billion or 0.1 percent to \$180.9 billion.

By stage of fabrication, September materials and supplies increased 0.2 percent in durable goods and decreased 0.4 percent in nondurable goods. Work in process increased 0.3 percent in durable goods and 0.9 percent in nondurable goods. Finished goods decreased 0.8 percent in durable goods and 0.2 percent in nondurable goods.

Figures in text, other than year-to-date, are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>.

The advance report on durable goods for October is scheduled for release on November 29, 2005, at 8:30 a.m. EST and the full report on December 6, 2005, at 10:00 a.m. EST. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly			Year to date			Percent 2005/ 2004
	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Aug. - Sept.	July - Aug.	June - July	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Sept. 2004	2005 ^p	2004	
All manufacturing industries	393,028	395,009	386,858	-0.5	2.1	0.1	414,703	407,157	355,183	388,674	3,477,116	3,244,117	7.2
Excluding transportation	334,738	336,173	329,965	-0.4	1.9	0.2	350,923	346,071	314,531	326,963	2,963,307	2,727,124	8.7
Excluding defense	383,551	385,508	377,754	-0.5	2.1	0.2	404,383	398,002	346,827	378,858	3,394,479	3,162,002	7.4
With unfilled orders	141,843	143,159	138,969	-0.9	3.0	-1.0	152,309	145,308	123,300	143,891	1,261,925	1,173,117	7.6
Durable goods industries	209,555	209,844	205,013	-0.1	2.4	-0.7	226,088	214,678	177,644	214,061	1,855,525	1,752,084	5.9
Wood products.....	8,996	8,826	8,888	1.9	-0.7	-1.6	9,684	9,564	9,036	9,818	81,584	81,378	0.3
Nonmetallic mineral products.....	9,183	9,097	8,953	0.9	1.6	-0.7	9,718	10,068	8,982	8,646	80,989	73,643	10.0
Primary metals.....	15,800	15,470	14,956	2.1	3.4	-1.6	16,174	15,992	13,670	15,594	141,840	128,676	10.2
Iron and steel mills.....	6,875	6,663	6,385	3.2	4.4	-3.5	7,010	6,883	5,866	7,484	63,751	59,524	7.1
Aluminum and nonferrous metals.....	7,232	7,145	6,919	1.2	3.3	-0.3	7,406	7,355	6,342	6,506	62,982	55,806	12.9
Ferrous metal foundries.....	1,693	1,662	1,652	1.9	0.6	0.7	1,758	1,754	1,462	1,604	15,107	13,346	13.2
Fabricated metal products.....	24,115	23,988	23,455	0.5	2.3	-1.8	25,318	25,500	22,178	24,454	215,916	203,431	6.1
Machinery.....	26,667	26,381	25,752	1.1	2.4	-0.3	27,820	26,085	24,155	26,117	235,838	214,675	9.9
Farm machinery.....	1,521	1,644	1,773	-7.5	-7.3	1.8	1,483	1,656	1,734	1,686	16,365	15,172	7.9
Construction machinery.....	2,968	2,893	2,663	2.6	8.6	-3.7	2,857	2,789	2,452	2,343	24,776	20,001	23.9
Mining, oil field, and gas field machinery.....	964	977	942	-1.3	3.7	-2.0	1,006	964	894	894	8,575	6,669	28.6
Industrial machinery.....	2,379	2,273	2,375	4.7	-4.3	9.3	2,509	1,935	2,428	2,956	21,673	24,163	-10.3
Photographic equipment.....	689	669	652	3.0	2.6	0.6	734	653	625	682	5,735	5,865	-2.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,098	3,008	2,919	3.0	3.0	2.4	3,410	3,136	2,832	3,115	26,721	25,599	4.4
Metalworking machinery.....	2,915	3,044	2,954	-4.2	3.0	1.7	3,579	3,212	2,703	2,942	26,190	21,231	23.4
Turbines, generators, and other power transmission equipment.....	3,853	3,798	3,580	1.4	6.1	-8.4	3,898	3,890	3,197	4,046	33,596	30,934	8.6
Material handling equipment.....	1,981	1,943	1,837	2.0	5.8	-1.4	2,052	1,926	1,694	1,553	16,259	12,722	27.8
Computers and electronic products	36,959	37,751	36,621	-2.1	3.1	-0.4	42,092	36,308	32,046	38,756	325,669	293,999	10.8
Computers.....	5,938	6,445	6,240	-7.9	3.3	2.7	6,511	6,063	6,339	5,501	54,552	38,689	41.0
Computer storage devices.....	802	761	664	5.4	14.6	-19.0	1,290	611	406	1,280	7,120	6,599	7.9
Other peripheral equipment.....	1,181	1,211	1,191	-2.5	1.7	-0.4	1,553	1,107	916	1,554	10,964	11,315	-3.1
Nondefense communications equipment.....	5,482	5,420	5,289	1.1	2.5	-2.3	6,214	5,075	4,331	5,555	45,821	43,675	4.9
Defense communications equipment.....	415	449	397	-7.6	13.1	-8.1	443	456	370	425	3,969	3,544	12.0
Audio and video equipment.....	766	770	718	-0.5	7.2	-7.9	804	751	599	810	6,494	5,948	9.2
Semiconductors	7,227	7,467	7,258	-3.2	2.9	6.6	7,908	7,485	6,365	7,442	63,339	59,791	5.9
Electronic components.....	5,170	5,063	4,787	2.1	5.8	-3.2	5,464	5,080	4,176	4,546	43,636	36,570	19.3
Nondefense search and navigation equipment.....	898	1,002	930	-10.4	7.7	-2.3	1,022	1,002	827	1,042	8,441	7,668	10.1
Defense search and navigation equipment.....	2,656	2,716	2,708	-2.2	0.3	1.3	2,794	2,604	2,552	2,687	23,193	21,074	10.1
Electromedical, measuring, and control instruments.....	5,883	5,902	5,859	-0.3	0.7	-4.1	7,508	5,537	4,641	7,289	53,166	53,898	-1.4
Electrical equipment, appliances, and components.....	9,681	9,796	9,545	-1.2	2.6	1.0	10,804	10,051	8,735	10,029	85,022	79,574	6.8
Electric lighting equipment.....	1,028	1,026	1,023	0.2	0.3	1.0	1,144	1,039	856	1,171	9,148	9,022	1.4
Household appliances.....	2,181	2,188	2,182	-0.3	0.3	0.4	2,399	2,326	1,994	2,296	19,059	18,137	5.1
Electrical equipment.....	3,134	3,161	3,042	-0.9	3.9	1.6	3,582	3,209	2,827	3,107	27,374	24,558	11.5
Batteries.....	580	591	582	-1.9	1.5	-1.5	697	579	473	689	4,929	4,708	4.7
Transportation equipment.....	58,290	58,836	56,893	-0.9	3.4	-0.6	63,780	61,086	40,652	61,711	513,809	516,993	-0.6
Automobiles.....	7,378	7,318	7,454	0.8	-1.8	3.3	8,085	8,062	4,566	8,113	65,131	67,403	-3.4
Light trucks and utility vehicles.....	14,538	13,473	13,143	7.9	2.5	-2.0	16,591	14,137	7,433	15,075	119,133	125,666	-5.2
Heavy duty trucks	1,816	1,784	1,676	1.8	6.4	-2.8	1,913	1,819	1,576	1,691	15,943	13,598	17.2
Motor vehicle bodies, parts, and trailers.....	19,701	19,927	19,093	-1.1	4.4	1.0	20,775	21,444	13,778	20,259	174,340	177,561	-1.8
Nondefense aircraft and parts.....	5,452	7,002	6,596	-22.1	6.2	-3.0	5,852	6,479	5,437	6,814	56,743	51,369	10.5
Defense aircraft and parts.....	3,779	3,824	3,354	-1.2	14.0	-8.1	4,270	3,656	3,032	3,987	32,706	34,265	-4.5
Ships and boats.....	2,162	2,081	2,229	3.9	-6.6	-2.7	2,241	2,104	1,867	2,125	20,523	18,165	13.0
Furniture and related products.....	7,409	7,266	7,451	2.0	-2.5	0.4	7,622	7,771	7,207	7,010	66,016	60,567	9.0
Miscellaneous durable goods.....	12,455	12,433	12,499	0.2	-0.5	-0.8	13,076	12,253	10,983	11,926	108,842	99,148	9.8
Nondurable goods industries.....	183,473	185,165	181,845	-0.9	1.8	1.0	188,615	192,479	177,539	174,613	1,621,591	1,492,033	8.7
Food products.....	44,492	44,590	44,535	-0.2	0.1	-0.8	45,746	45,438	42,567	44,704	397,192	376,067	5.6
Grain and oilseed milling.....	3,133	3,100	3,072	1.1	0.9	0.3	3,152	3,196	2,942	3,378	27,199	32,034	-15.1
Dairy products.....	6,711	6,833	6,842	-1.8	-0.1	2.1	6,863	6,908	6,575	6,549	60,560	58,904	2.8
Meat, poultry, and seafood products.....	14,832	15,010	15,065	-1.2	-0.4	-2.9	14,852	15,496	14,922	14,954	136,192	116,469	16.9
Beverage and tobacco products.....	9,223	9,827	9,251	-6.1	6.2	-2.2	9,347	10,353	9,496	9,307	82,993	82,559	0.5
Beverages.....	5,978	5,960	6,020	0.3	-1.0	1.7	6,102	6,486	6,265	6,016	52,953	52,986	-0.1
Tobacco.....	3,245	3,867	3,231	-16.1	19.7	-8.8	3,245	3,867	3,231	3,291	30,040	29,573	1.6
Textile mills.....	3,217	3,299	3,322	-2.5	-0.7	-3.5	3,413	3,441	3,112	3,902	30,791	32,970	-6.6
Textile products.....	2,945	2,871	2,829	2.6	1.5	0.4	3,077	3,037	2,865	2,806	25,800	25,172	2.5
Apparel.....	3,372	3,385	3,418	-0.4	-1.0	-2.8	3,604	3,677	3,465	3,722	30,486	30,768	-0.9
Leather and allied products.....	474	469	455	1.1	3.1	-3.2	483	519	431	491	4,248	4,272	-0.6
Paper products.....	13,068	13,351	13,534	-2.1	-1.4	-4.6	13,297	13,881	13,296	13,758	124,817	119,863	4.1
Pulp, paper, and paperboard mills.....	5,761	5,847	5,860	-1.5	-0.2	0.1	5,764	6,104	5,815	5,903	53,331	52,305	2.0
Paperboard containers.....	3,686	3,692	3,736	-0.2	-1.2	-3.2	3,751	3,947	3,650	3,942	34,391	33,955	1.3
Printing.....	7,314	7,329	7,338	-0.2	-0.1	-1.5	7,729	7,468	6,864	8,116	65,980	67,780	-2.7
Petroleum and coal products.....	37,042	35,814	34,084	3.4	5.1	6.2	38,702	39,126	35,278	27,072	294,058	222,765	32.0
Petroleum refineries.....	34,394	33,258	31,624	3.4	5.2	7.1	35,592	36,101	32,499	24,263	270,672	201,840	34.1
Chemical products.....	44,947	47,076	46,248	-4.5	1.8	3.3	45,437	47,499	44,011	44,242	411,196	386,333	6.4
Pesticides, fertilizers, and other agricultural chemicals.....	2,572	2,525	2,247	1.9	12.4	21.7	1,859	2,013	1,781	1,320	19,718	16,569	19.0
Pharmaceuticals and medicines.....	10,683	12,197	11,389	-12.4	7.1	4.7	11,183	12,154	10,567	12,046	101,849	108,054	-5.7
Paints, coatings, and adhesives.....	2,592	2,541	2,562	2.0	-0.8	-2.9	2,642	2,712	2,614	2,550	23,624	23,009	2.7
Plastics and rubber products.....	17,379	17,154	16,831	1.3	1.9	-0.3	17,780	18,040	16,154	16,493	154,030	143,484	7.3

^p Preliminary^r Revised

NA Not available.

¹ Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations.
See note at end of Table 2 relating to survey error and revision.

Table 2. Value of Manufacturers' New Orders for Industry Groups**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Aug. - Sept.	July - Aug.	June - July	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Sept. 2004	2005 ^p	2004	Percent 2005/ 2004
All manufacturing industries ²	389,954	396,767	385,553	-1.7	2.9	-2.5	406,842	405,114	351,601	380,391	3,455,167	3,212,979	7.5
Excluding transportation ²	330,985	334,364	323,855	-1.0	3.2	-1.1	344,332	341,409	308,103	321,018	2,920,165	2,691,611	8.5
Excluding defense ²	381,823	388,543	377,014	-1.7	3.1	-2.2	399,049	399,259	346,061	371,126	3,386,405	3,132,130	8.1
With unfilled orders ²	145,996	152,384	144,922	-4.2	5.1	-7.2	152,356	150,750	126,083	143,050	1,303,315	1,201,770	8.4
Durable goods industries ²	206,481	211,602	203,708	-2.4	3.9	-5.4	218,227	212,635	174,062	205,778	1,833,576	1,720,946	6.5
Primary metals.....	16,740	16,637	14,932	0.6	11.4	0.4	16,817	16,874	13,693	15,011	142,077	132,873	6.9
Iron and steel mills.....	7,292	7,681	6,365	-5.1	20.7	1.1	7,258	7,865	5,911	7,070	63,063	62,105	1.5
Aluminum and nonferrous metals.....	7,714	7,397	6,878	4.3	7.5	-0.9	7,785	7,399	6,284	6,334	63,890	57,097	11.9
Ferrous metal foundries.....	1,734	1,559	1,689	11.2	-7.7	3.5	1,774	1,610	1,498	1,607	15,124	13,671	10.6
Fabricated metal products.....	24,665	24,934	23,501	-1.1	6.1	-4.3	25,287	25,934	22,205	23,522	220,647	209,066	5.5
Machinery.....	27,252	27,179	26,162	0.3	3.9	-7.2	27,611	26,475	23,837	25,903	241,334	219,505	9.9
Construction machinery.....	2,834	3,396	2,745	-16.5	23.7	-17.7	2,414	3,238	2,182	2,341	26,152	21,277	22.9
Mining, oil field, and gas field machinery.....	1,154	1,114	1,063	3.6	4.8	-0.7	1,214	1,064	967	876	9,486	6,977	36.0
Industrial machinery.....	2,554	2,127	2,369	20.1	-10.2	0.7	2,559	1,577	2,633	3,314	21,185	25,792	-17.9
Photographic equipment.....	906	683	641	32.7	6.6	-11.3	938	661	646	674	6,097	5,906	3.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,297	3,603	2,900	-8.5	24.2	-2.6	3,479	3,661	2,811	2,968	27,756	25,911	7.1
Metalworking machinery.....	3,017	3,101	3,080	-2.7	0.7	-0.9	3,526	3,077	2,810	2,877	27,517	21,853	25.9
Turbines, generators, and other power transmission equipment.....	3,804	3,432	3,668	10.8	-6.4	-25.1	3,377	3,806	3,114	3,271	33,340	30,157	10.6
Material handling equipment.....	1,968	1,966	1,598	0.1	23.0	-15.4	2,379	1,758	1,170	1,950	17,219	13,357	28.9
Computers and electronic products ²	30,721	31,963	29,994	-3.9	6.6	-6.5	34,943	29,154	25,434	34,315	269,137	240,922	11.7
Computers.....	6,180	6,788	5,863	-9.0	15.8	-8.9	6,753	6,406	5,962	6,058	54,378	38,637	40.7
Nondefense communications equipment.....	5,376	5,697	5,624	-5.6	1.3	-2.7	6,226	4,545	4,476	5,555	47,698	42,514	12.2
Defense communications equipment.....	529	619	591	-14.5	4.7	-32.0	672	355	474	2,199	4,735	5,246	-9.7
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,163	5,208	4,716	-0.9	10.4	-2.4	5,354	5,502	4,047	4,362	43,859	38,098	15.1
Nondefense search and navigation equipment.....	1,084	1,106	1,025	-2.0	7.9	10.8	1,167	1,048	913	1,167	8,969	8,096	10.8
Defense search and navigation equipment.....	2,811	2,997	2,827	-6.2	6.0	-16.6	2,962	2,446	1,990	2,991	24,048	22,732	5.8
Electromedical, measuring, and control instruments.....	6,288	6,261	6,195	0.4	1.1	-4.4	7,581	5,846	5,127	7,714	55,898	56,509	-1.1
Electrical equipment, appliances, and components.....	10,108	10,377	9,644	-2.6	7.6	-1.2	11,023	10,549	9,076	10,036	87,424	81,390	7.4
Electric lighting equipment.....	1,092	965	986	13.2	-2.1	-17.1	1,160	949	834	1,209	9,353	9,460	-1.1
Household appliances.....	2,126	2,384	2,233	-10.8	6.8	4.8	2,335	2,573	2,096	2,231	19,326	18,283	5.7
Electrical equipment.....	3,402	3,459	3,281	-1.6	5.4	5.3	3,760	3,452	3,136	3,138	28,984	25,148	15.3
Transportation equipment.....	58,969	62,403	61,698	-5.5	1.1	-9.1	62,510	63,705	43,498	59,373	535,002	521,368	2.6
Motor vehicle bodies, parts, and trailers.....	20,385	19,984	19,435	2.0	2.8	2.8	21,101	21,361	14,549	20,241	175,050	178,877	-2.1
Nondefense aircraft and parts.....	7,278	12,514	11,878	-41.8	5.4	-21.4	7,397	12,475	9,774	6,454	88,873	57,367	54.9
Defense aircraft and parts.....	2,888	2,993	2,643	-3.5	13.2	-4.6	2,805	2,039	1,733	2,127	23,325	27,198	-14.2
Ships and boats.....	1,842	1,710	2,105	7.7	-18.8	10.8	1,765	1,548	1,349	1,397	16,290	16,083	1.3
Furniture and related products.....	7,516	7,810	7,262	-3.8	7.5	-2.0	7,682	8,116	7,143	6,987	66,844	61,452	8.8
Nondurable goods industries.....	183,473	185,165	181,845	-0.9	1.8	1.0	188,615	192,479	177,539	174,613	1,621,591	1,492,033	8.7

^p Preliminary^r Revised

NA Not available.

¹ New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(04), "Manufacturers' Shipments, Inventories, and Orders: 1992-2004."

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 05/04
	Sept. 2005 ^P	Aug. 2005 ^r	July 2005	Aug. - Sept.	July - Aug.	June - July	Sept. 2005 ^P	Aug. 2005 ^r	July 2005	Sept. 2004	
All manufacturing industries ¹	594,131	589,978	580,753	0.7	1.6	1.0	584,956	584,909	579,467	530,214	10.3
Excluding transportation ¹	299,804	296,330	290,672	1.2	1.9	0.4	295,150	293,833	291,010	271,164	8.8
Excluding defense ¹	449,921	444,422	433,920	1.2	2.4	1.5	444,722	442,148	433,406	380,747	16.8
Durable goods industries ¹	594,131	589,978	580,753	0.7	1.6	1.0	584,956	584,909	579,467	530,214	10.3
Primary metals.....	21,058	20,118	18,951	4.7	6.2	-0.1	20,723	20,080	19,198	21,629	-4.2
Iron and steel mills.....	11,076	10,659	9,641	3.9	10.6	-0.2	11,017	10,769	9,787	12,954	-15.0
Aluminum and nonferrous metals.....	7,071	6,589	6,337	7.3	4.0	-0.6	6,881	6,502	6,458	5,952	15.6
Ferrous metal foundries.....	2,911	2,870	2,973	1.4	-3.5	1.3	2,825	2,809	2,953	2,723	3.7
Fabricated metal products.....	46,849	46,299	45,353	1.2	2.1	0.1	46,541	46,572	46,138	41,296	12.7
Machinery.....	82,188	81,603	80,805	0.7	1.0	0.5	80,096	80,305	79,915	72,962	9.8
Construction machinery.....	7,123	7,257	6,754	-1.8	7.4	1.2	6,421	6,864	6,415	3,960	62.1
Mining, oil field, and gas field machinery.....	2,505	2,315	2,178	8.2	6.3	5.9	2,467	2,259	2,159	1,404	75.7
Industrial machinery.....	8,834	8,659	8,805	2.0	-1.7	-0.1	8,611	8,561	8,919	9,088	-5.2
Photographic equipment.....	1,196	979	965	22.2	1.5	-1.1	1,188	984	976	796	49.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,010	5,811	5,216	3.4	11.4	-0.4	5,931	5,862	5,337	4,623	28.3
Metalworking machinery.....	7,881	7,779	7,722	1.3	0.7	1.7	7,594	7,647	7,782	5,990	26.8
Turbines, generators, and other power transmission equipment.....	30,959	31,008	31,374	-0.2	-1.2	0.3	30,335	30,856	30,940	31,751	-4.5
Material handling equipment.....	6,834	6,847	6,824	-0.2	0.3	-3.4	6,810	6,483	6,651	5,475	24.4
Computers and electronic products ¹	117,384	116,395	114,716	0.8	1.5	0.6	115,558	114,799	114,468	106,327	8.7
Computers.....	6,243	6,001	5,658	4.0	6.1	-6.2	6,243	6,001	5,658	6,230	0.2
Nondefense communications equipment.....	31,364	31,470	31,193	-0.3	0.9	1.1	30,753	30,741	31,271	29,545	4.1
Defense communications equipment.....	7,338	7,224	7,054	1.6	2.4	2.8	7,115	6,886	6,987	3,755	89.5
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	12,915	12,922	12,777	-0.1	1.1	-0.6	12,997	13,107	12,685	13,618	-4.6
Nondefense search and navigation equipment.....	4,335	4,149	4,045	4.5	2.6	2.4	4,262	4,117	4,071	3,710	14.9
Defense search and navigation equipment.....	34,867	34,712	34,431	0.4	0.8	0.3	34,137	33,969	34,127	32,583	4.8
Electromedical, measuring, and control instruments.....	20,322	19,917	19,558	2.0	1.8	1.7	20,051	19,978	19,669	16,886	18.7
Electrical equipment, appliances, and components.....	17,947	17,520	16,939	2.4	3.4	0.6	17,813	17,594	17,096	15,767	13.0
Electric lighting equipment.....	1,930	1,866	1,927	3.4	-3.2	-1.9	1,917	1,901	1,991	1,712	12.0
Household appliances.....	850	905	709	-6.1	27.6	7.8	852	916	669	777	9.7
Electrical equipment.....	10,798	10,530	10,232	2.5	2.9	2.4	10,723	10,545	10,302	9,164	17.0
Transportation equipment.....	294,327	293,648	290,081	0.2	1.2	1.7	289,806	291,076	288,457	259,050	11.9
Motor vehicle bodies, parts, and trailers.....	16,420	15,736	15,679	4.3	0.4	2.2	15,980	15,654	15,737	15,632	2.2
Nondefense aircraft and parts.....	155,790	153,964	148,452	1.2	3.7	3.7	154,716	153,171	147,175	115,397	34.1
Defense aircraft and parts.....	47,066	47,957	48,788	-1.9	-1.7	-1.4	46,016	47,481	49,098	56,796	-19.0
Ships and boats.....	15,496	15,816	16,187	-2.0	-2.3	-0.8	14,626	15,102	15,658	16,293	-10.2
Furniture and related products.....	7,814	7,707	7,163	1.4	7.6	-2.6	7,855	7,795	7,450	7,151	9.8

^P Preliminary ^r Revised NA Not available.¹ Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.
See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups**(Millions of Dollars)**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 05/04
	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Aug. - Sept.	July - Aug.	June - July	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Sept. 2004	
All manufacturing industries	462,747	463,115	464,221	-0.1	-0.2	0.6	462,826	466,715	467,004	441,048	4.9
Excluding transportation	396,885	397,392	397,956	-0.1	-0.1	0.5	396,683	400,165	399,902	377,754	5.0
Excluding defense	443,586	444,255	445,084	-0.2	-0.2	0.6	443,563	447,682	447,706	422,649	4.9
With unfilled orders	218,610	218,034	219,143	0.3	-0.5	0.9	217,762	219,966	220,882	206,713	5.3
Durable goods industries	281,836	282,007	282,815	-0.1	-0.3	0.8	280,810	284,780	284,968	267,162	5.1
Wood products.....	10,550	10,603	10,619	-0.5	-0.2	-0.4	10,480	10,438	10,416	10,118	3.6
Nonmetallic mineral products.....	10,315	10,351	10,388	-0.3	-0.4	1.2	10,119	10,358	10,498	9,556	5.9
Primary metals.....	23,951	24,160	24,387	-0.9	-0.9	-0.9	23,736	24,139	24,455	21,069	12.7
Iron and steel mills.....	13,509	13,813	14,143	-2.2	-2.3	-1.7	13,500	13,870	14,212	11,918	13.3
Aluminum and nonferrous metals.....	8,404	8,323	8,204	1.0	1.5	0.4	8,287	8,291	8,204	7,452	11.2
Ferrous metal foundries.....	2,038	2,024	2,040	0.7	-0.8	-0.1	1,949	1,978	2,039	1,699	14.7
Fabricated metal products.....	36,543	36,736	37,040	-0.5	-0.8	-0.4	36,217	36,856	37,324	34,600	4.7
Machinery.....	47,668	47,560	47,334	0.2	0.5	1.7	47,338	47,923	47,358	43,207	9.6
Farm machinery.....	2,461	2,442	2,497	0.8	-2.2	-0.8	2,318	2,329	2,434	2,096	10.6
Construction machinery.....	4,087	4,020	3,958	1.7	1.6	-0.3	4,009	3,951	3,908	3,526	13.7
Mining, oil field, and gas field machinery.....	2,728	2,693	2,717	1.3	-0.9	4.7	2,704	2,748	2,755	2,238	20.8
Industrial machinery.....	6,439	6,540	6,606	-1.5	-1.0	1.1	6,353	6,635	6,592	6,259	1.5
Photographic equipment.....	1,437	1,388	1,366	3.5	1.6	-0.2	1,482	1,382	1,381	1,287	15.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,018	4,044	4,027	-0.6	0.4	0.6	3,970	4,079	4,031	3,821	3.9
Metalworking machinery.....	4,540	4,525	4,523	0.3	0.0	3.8	4,599	4,690	4,608	4,296	7.1
Turbines, generators, and other power transmission equipment.....	6,029	5,958	5,825	1.2	2.3	5.0	6,034	6,102	5,873	5,094	18.5
Material handling equipment.....	2,760	2,723	2,779	1.4	-2.0	2.9	2,741	2,721	2,736	2,256	21.5
Computers and electronic products	44,811	44,781	44,840	0.1	-0.1	1.7	44,734	45,956	45,483	44,767	-0.1
Computers.....	2,074	1,986	1,903	4.4	4.4	-3.9	2,177	2,110	1,881	2,134	2.0
Computer storage devices.....	1,551	1,565	1,543	-0.9	1.4	5.0	1,447	1,694	1,590	1,183	22.3
Other peripheral equipment.....	1,848	1,859	1,844	-0.6	0.8	0.8	1,805	1,964	1,882	1,823	-1.0
Nondefense communications equipment.....	8,687	8,963	8,946	-3.1	0.2	1.3	8,629	9,165	9,017	9,444	-8.6
Defense communications equipment.....	1,017	988	1,005	2.9	-1.7	4.0	1,017	988	1,005	1,159	-12.3
Audio and video equipment.....	1,143	1,125	1,095	1.6	2.7	-2.3	1,248	1,194	1,132	1,175	6.2
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,711	6,459	6,657	3.9	-3.0	3.0	6,726	6,498	6,805	6,384	5.4
Nondefense search and navigation equipment.....	2,701	2,682	2,675	0.7	0.3	8.1	2,692	2,706	2,709	2,520	6.8
Defense search and navigation equipment.....	2,466	2,525	2,558	-2.3	-1.3	0.0	2,452	2,588	2,602	2,879	-14.8
Electromedical, measuring and control instruments.....	9,743	9,696	9,706	0.5	-0.1	1.0	9,620	9,872	9,754	9,377	2.6
Electrical equipment, appliances, and components.....	12,812	12,680	12,684	1.0	0.0	0.0	12,520	12,666	12,731	12,097	3.5
Electric lighting equipment.....	1,512	1,516	1,509	-0.3	0.5	-0.7	1,489	1,561	1,554	1,488	0.1
Household appliances.....	2,256	2,232	2,195	1.1	1.7	1.0	2,159	2,192	2,219	2,017	7.0
Electrical equipment.....	4,409	4,275	4,283	3.1	-0.2	-0.4	4,277	4,243	4,241	3,973	7.7
Batteries.....	619	613	609	1.0	0.7	0.2	657	649	628	672	-2.2
Transportation equipment.....	65,862	65,723	66,265	0.2	-0.8	1.2	66,143	66,550	67,102	63,294	4.5
Automobiles.....	1,920	2,314	2,203	-17.0	5.0	-1.9	2,007	2,436	2,329	2,346	-14.5
Light trucks and utility vehicles.....	3,198	3,180	3,030	0.6	5.0	0.2	3,320	3,362	3,115	2,888	15.0
Heavy duty trucks.....	1,271	1,290	1,306	-1.5	-1.2	-1.0	1,300	1,319	1,299	1,186	9.6
Motor vehicle bodies, parts, and trailers.....	17,629	17,696	17,811	-0.4	-0.6	-0.7	17,571	17,613	17,987	17,411	0.9
Nondefense aircraft and parts.....	22,229	21,843	22,329	1.8	-2.2	3.2	22,272	22,215	22,591	21,655	2.8
Defense aircraft and parts.....	11,529	11,299	11,571	2.0	-2.4	1.9	11,601	11,390	11,680	10,450	11.0
Ships and boats.....	2,771	2,723	2,611	1.8	4.3	-0.9	2,767	2,696	2,604	2,590	6.8
Furniture and related products.....	8,784	8,708	8,686	0.9	0.3	-0.3	8,813	8,817	8,903	8,491	3.8
Miscellaneous durable goods.....	20,540	20,705	20,572	-0.8	0.6	1.4	20,710	21,077	20,698	19,963	3.7
Nondurable goods industries.....	180,911	181,108	181,406	-0.1	-0.2	0.2	182,016	181,935	182,036	173,886	4.7
Food products.....	32,745	32,733	32,736	0.0	0.0	-0.4	33,284	32,839	32,150	32,597	2.1
Grain and oilseed milling.....	3,360	3,298	3,263	1.9	1.1	3.3	3,266	3,023	3,038	3,074	6.2
Dairy products.....	4,127	4,112	4,128	0.4	-0.4	1.1	4,105	4,176	4,297	4,062	1.1
Meat, poultry, and seafood products.....	6,109	6,121	6,098	-0.2	0.4	-3.3	6,187	6,099	6,053	6,232	-0.7
Beverage and tobacco products.....	14,667	14,815	14,892	-1.0	-0.5	1.5	14,993	14,480	14,329	15,239	-1.6
Beverages.....	10,009	10,104	10,120	-0.9	-0.2	2.4	10,263	9,894	9,852	10,289	-0.3
Tobacco.....	4,658	4,711	4,772	-1.1	-1.3	-0.5	4,730	4,586	4,477	4,950	-4.4
Textile mills.....	4,224	4,214	4,142	0.2	1.7	-1.6	4,182	4,243	4,213	4,497	-7.0
Textile products.....	3,646	3,680	3,670	-0.9	0.3	-0.6	3,653	3,713	3,698	3,659	-0.2
Apparel.....	6,237	6,196	6,123	0.7	1.2	0.1	6,438	6,382	6,380	5,944	8.3
Leather and allied products.....	888	871	868	2.0	0.3	0.1	894	881	889	804	11.2
Paper products.....	14,143	14,254	14,432	-0.8	-1.2	0.0	14,081	14,222	14,410	13,738	2.5
Pulp, paper, and paperboard mills.....	6,157	6,208	6,345	-0.8	-2.2	0.9	6,090	6,185	6,320	5,860	3.9
Paperboard containers.....	3,947	4,011	4,071	-1.6	-1.5	-0.2	3,968	4,004	4,066	3,949	0.5
Printing.....	6,597	6,566	6,640	0.5	-1.1	-0.2	6,960	6,936	6,942	6,930	0.4
Petroleum and coal products.....	24,454	24,361	24,138	0.4	0.9	5.5	25,215	24,919	24,988	20,343	23.9
Petroleum refineries.....	22,044	21,979	21,737	0.3	1.1	5.7	22,840	22,457	22,457	18,265	25.0
Chemical products.....	53,987	53,746	54,214	0.4	-0.9	-1.4	53,439	54,029	54,628	52,360	2.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,509	2,465	2,473	1.8	-0.3	0.4	2,220	2,112	2,191	1,962	13.1
Pharmaceuticals and medicines.....	18,020	18,004	18,120	0.1	-0.6	-1.9	18,064	18,536	18,470	19,721	-8.4
Paints, coatings, and adhesives.....	2,834	2,864	2,881	-1.0	-0.6	0.3	2,766	2,873	2,926	2,619	5.6
Plastics and rubber products.....	19,323	19,672	19,551	-1.8	0.6	-0.3	18,877	19,291	19,409	17,775	6.2

^p Preliminary ^r Revised NA Not available.¹ Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately. See note at end of Table 2 relating to survey error and revision.

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series ¹

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2005/ 2004
	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Aug. - Sept.	July - Aug.	June - July	Sept. 2005 ^p	Aug. 2005 ^r	July 2005	Sept. 2004	2005 ^p	2004	
SHIPMENTS													
All manufacturing industries	393,028	395,009	386,858	-0.5	2.1	0.1	414,703	407,157	355,183	388,674	3,477,116	3,244,117	7.2
Construction materials and supplies.....	42,189	41,470	40,829	1.7	1.6	-1.7	45,086	44,979	40,259	42,738	375,472	355,199	5.7
Information technology.....	28,009	28,720	27,944	-2.5	2.8	-1.4	32,436	27,294	24,715	30,216	248,941	226,652	9.8
Computers and related products	7,921	8,417	8,095	-5.9	4.0	0.0	9,354	7,781	7,661	8,335	72,636	56,603	28.3
Motor vehicle and parts.....	43,433	42,502	41,366	2.2	2.7	0.3	47,364	45,462	27,353	45,138	374,547	384,228	-2.5
Capital goods.....	72,605	74,368	71,659	-2.4	3.8	-1.8	79,594	72,620	64,831	74,710	647,575	591,733	9.4
Nondefense capital goods ³	64,545	66,437	64,085	-2.8	3.7	-1.2	70,950	64,870	57,780	66,360	577,684	520,374	11.0
Excluding aircraft.....	61,524	61,924	60,550	-0.6	2.3	-1.0	67,896	60,795	55,227	63,071	547,495	495,176	10.6
Defense capital goods ⁴	8,060	7,931	7,574	1.6	4.7	-6.3	8,644	7,750	7,051	8,350	69,891	71,359	-2.1
Consumer goods.....	155,684	155,943	152,760	-0.2	2.1	0.7	162,953	162,431	140,124	148,646	1,355,757	1,261,728	7.5
Consumer durable goods.....	39,803	38,742	38,592	2.7	0.4	-0.7	43,417	40,213	27,726	40,653	343,765	339,487	1.3
Consumer nondurable goods.....	115,881	117,201	114,168	-1.1	2.7	1.2	119,536	122,218	112,398	107,993	1,011,992	922,241	9.7
NEW ORDERS													
All manufacturing industries ⁵	389,954	396,767	385,553	-1.7	2.9	-2.5	406,842	405,114	351,601	380,391	3,455,167	3,212,979	7.5
Construction materials and supplies.....	42,911	42,626	40,770	0.7	4.6	-2.8	45,276	45,637	40,183	41,591	379,404	359,306	5.6
Information technology.....	29,372	30,416	28,481	-3.4	6.8	-7.2	33,598	27,309	24,570	33,396	256,207	232,521	10.2
Computers and related products	8,163	8,760	7,718	-6.8	13.5	-8.7	9,596	8,124	7,284	8,892	72,462	56,551	28.1
Motor vehicle and parts.....	44,117	42,559	41,708	3.7	2.0	1.1	47,690	45,379	28,124	45,120	375,257	385,544	-2.7
Capital goods.....	74,361	80,621	78,044	-7.8	3.3	-8.6	79,103	75,976	67,374	76,124	681,613	608,446	12.0
Nondefense capital goods ³	67,505	73,722	70,886	-8.4	4.0	-7.6	72,715	71,078	62,793	67,856	623,291	536,600	16.2
Excluding aircraft.....	63,087	64,054	61,679	-1.5	3.9	-3.9	68,236	61,335	55,601	64,793	559,538	505,079	10.8
Defense capital goods ⁴	6,856	6,899	7,158	-0.6	-3.6	-17.8	6,388	4,898	4,581	8,268	58,322	71,846	-18.8
Consumer goods.....	155,507	156,445	152,792	-0.6	2.4	0.9	162,623	162,839	140,388	148,821	1,355,374	1,262,574	7.4
Consumer durable goods.....	39,626	39,244	38,624	1.0	1.6	0.0	43,087	40,621	27,990	40,828	343,382	340,333	0.9
Consumer nondurable goods.....	115,881	117,201	114,168	-1.1	2.7	1.2	119,536	122,218	112,398	107,993	1,011,992	922,241	9.7
UNFILLED ORDERS													
All manufacturing industries ⁵	594,131	589,978	580,753	0.7	1.6	1.0	584,956	584,909	579,467	530,214	(X)	(X)	10.3
Construction materials and supplies.....	38,267	37,545	36,389	1.9	3.2	-0.2	38,032	37,842	37,184	33,707	(X)	(X)	12.8
Information technology.....	110,034	108,671	106,975	1.3	1.6	0.5	108,070	106,908	106,893	97,619	(X)	(X)	10.7
Computers and related products	6,243	6,001	5,658	4.0	6.1	-6.2	6,243	6,001	5,658	6,230	(X)	(X)	0.2
Motor vehicle and parts.....	16,420	15,736	15,679	4.3	0.4	2.2	15,980	15,654	15,737	15,632	(X)	(X)	2.2
Capital goods.....	440,237	438,481	432,228	0.4	1.4	1.5	432,482	432,973	429,617	384,241	(X)	(X)	12.6
Nondefense capital goods ³	307,615	304,655	297,370	1.0	2.4	2.3	303,571	301,806	295,598	248,856	(X)	(X)	22.0
Excluding aircraft.....	172,127	170,564	168,434	0.9	1.3	0.7	168,994	168,654	168,114	155,061	(X)	(X)	9.0
Defense capital goods ⁴	132,622	133,826	134,858	-0.9	-0.8	-0.3	128,911	131,167	134,019	135,385	(X)	(X)	-4.8
Consumer goods.....	13,791	13,968	13,466	-1.3	3.7	0.2	13,674	14,004	13,596	13,289	(X)	(X)	2.9
Consumer durable goods.....	13,791	13,968	13,466	-1.3	3.7	0.2	13,674	14,004	13,596	13,289	(X)	(X)	2.9
TOTAL INVENTORIES													
All manufacturing industries	462,747	463,115	464,221	-0.1	-0.2	0.6	462,826	466,715	467,004	441,048	(X)	(X)	4.9
Construction materials and supplies.....	53,210	53,589	53,829	-0.7	-0.4	0.1	52,587	53,739	54,153	50,152	(X)	(X)	4.9
Information technology.....	37,043	37,193	37,095	-0.4	0.3	1.2	36,881	38,069	37,415	37,336	(X)	(X)	-1.2
Computers and related products	5,473	5,410	5,290	1.2	2.3	0.2	5,429	5,768	5,353	5,140	(X)	(X)	5.6
Motor vehicle and parts.....	24,018	24,480	24,350	-1.9	0.5	-0.7	24,198	24,730	24,730	23,831	(X)	(X)	1.5
Capital goods.....	128,044	127,137	126,830	0.7	0.2	1.8	127,486	128,895	127,590	120,740	(X)	(X)	5.6
Nondefense capital goods ³	112,700	112,078	111,569	0.6	0.5	1.7	112,112	113,754	112,277	105,606	(X)	(X)	6.2
Excluding aircraft.....	94,527	94,322	93,937	0.2	0.4	1.5	93,857	95,685	94,440	88,267	(X)	(X)	6.3
Defense capital goods ⁴	15,344	15,059	15,261	1.9	-1.3	2.0	15,374	15,141	15,313	15,134	(X)	(X)	1.6
Consumer goods.....	140,071	140,716	140,338	-0.5	0.3	0.7	142,248	142,354	140,980	137,372	(X)	(X)	3.5
Consumer durable goods.....	30,802	31,361	30,983	-1.8	1.2	0.3	31,135	31,991	31,394	30,594	(X)	(X)	1.8
Consumer nondurable goods.....	109,269	109,355	109,355	-0.1	0.0	0.8	111,113	110,363	109,586	106,778	(X)	(X)	4.1

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

³ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

⁴ Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

⁵ Estimates and percent changes exclude semiconductor industry data.

⁶ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

See note at end of Table 2 relating to survey error and revision.

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group**(Millions of Dollars)**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 05/04
	Sept. 2005 ^p	Aug. 2005 ^f	July 2005	Aug. - Sept.	July- Aug.	June - July	Sept. 2005 ^p	Aug. 2005 ^f	July 2005	Sept. 2004	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	157,233	157,319	156,995	-0.1	0.2	-0.2	157,094	157,317	157,716	150,165	4.6
Durable goods industries.....	95,589	95,405	95,506	0.2	-0.1	-0.4	95,657	95,850	96,203	91,140	5.0
Wood products.....	4,257	4,207	4,194	1.2	0.3	-0.3	4,411	4,164	4,050	4,040	9.2
Nonmetallic mineral products.....	3,636	3,674	3,641	-1.0	0.9	-1.3	3,659	3,709	3,671	3,599	1.7
Primary metals.....	9,256	9,306	9,307	-0.5	0.0	-1.5	9,339	9,360	9,360	8,218	13.6
Fabricated metal products.....	13,390	13,549	13,858	-1.2	-2.2	-0.7	13,384	13,650	13,943	12,686	5.5
Machinery.....	16,612	16,479	16,470	0.8	0.1	0.0	16,504	16,589	16,612	14,991	10.1
Computers and electronic products.....	15,594	15,355	15,029	1.6	2.2	-0.2	15,541	15,449	15,068	15,579	-0.2
Electrical equipment, appliances, and components.....	5,194	5,083	5,090	2.2	-0.1	-0.2	5,098	5,049	5,066	4,730	7.8
Transportation equipment.....	16,560	16,642	16,750	-0.5	-0.6	-0.6	16,589	16,661	17,119	16,438	0.9
Furniture and related products.....	3,860	3,835	3,915	0.7	-2.0	0.3	3,867	3,852	3,975	3,933	-1.7
Miscellaneous products.....	7,230	7,275	7,252	-0.6	0.3	0.6	7,265	7,367	7,339	6,926	4.9
Nondurable goods industries.....	61,644	61,914	61,489	-0.4	0.7	0.0	61,437	61,467	61,513	59,025	4.1
Food products.....	10,661	10,624	10,643	0.3	-0.2	1.4	10,411	10,279	10,424	10,211	2.0
Beverage and tobacco products.....	4,989	5,014	4,994	-0.5	0.4	0.7	4,979	4,844	4,777	5,253	-5.2
Textiles.....	1,331	1,324	1,285	0.5	3.0	-2.1	1,321	1,323	1,298	1,314	0.5
Textile products.....	1,391	1,400	1,405	-0.6	-0.4	-1.0	1,410	1,418	1,432	1,344	4.9
Apparel.....	1,343	1,335	1,344	0.6	-0.7	1.4	1,344	1,325	1,351	1,369	-1.8
Leather and allied products.....	262	252	248	4.0	1.6	3.3	263	256	256	258	1.9
Paper products.....	6,163	6,223	6,270	-1.0	-0.7	-0.4	6,208	6,184	6,242	6,290	-1.3
Printing.....	2,890	2,925	2,974	-1.2	-1.6	-2.5	3,017	2,981	3,058	3,084	-2.2
Petroleum and coal products.....	7,763	7,927	7,394	-2.1	7.2	6.7	7,869	8,063	7,634	6,232	26.3
Chemical products.....	17,292	17,423	17,510	-0.8	-0.5	-2.2	17,135	17,372	17,581	16,828	1.8
Plastics and rubber products.....	7,559	7,467	7,422	1.2	0.6	-1.7	7,480	7,422	7,460	6,842	9.3
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	127,151	126,584	127,396	0.4	-0.6	1.1	127,862	128,065	128,303	123,013	3.9
Durable goods industries.....	99,048	98,740	99,581	0.3	-0.8	1.7	99,300	100,059	100,360	94,464	5.1
Wood products.....	1,801	1,871	1,876	-3.7	-0.3	-1.2	1,803	1,870	1,870	1,931	-6.6
Nonmetallic mineral products.....	1,180	1,166	1,168	1.2	-0.2	-0.1	1,151	1,170	1,188	1,150	0.1
Primary metals.....	7,421	7,458	7,544	-0.5	-1.1	-1.6	7,344	7,466	7,591	6,669	10.1
Fabricated metal products.....	10,697	10,532	10,439	1.6	0.9	0.5	10,683	10,591	10,521	9,652	10.7
Machinery.....	14,230	14,386	14,353	-1.1	0.2	2.0	14,289	14,773	14,472	13,608	5.0
Computers and electronic products.....	19,214	19,435	19,776	-1.1	-1.7	3.4	19,331	20,109	20,199	19,583	-1.3
Electrical equipment, appliances, and components.....	2,687	2,675	2,673	0.4	0.1	1.0	2,620	2,692	2,691	2,584	1.4
Transportation equipment.....	37,044	36,332	36,952	2.0	-1.7	2.3	37,293	36,457	36,974	34,814	7.1
Furniture and related products.....	1,536	1,540	1,521	-0.3	1.2	-2.0	1,539	1,547	1,544	1,445	6.5
Miscellaneous products.....	3,238	3,345	3,279	-3.2	2.0	-0.7	3,247	3,384	3,310	3,028	7.2
Nondurable goods industries.....	28,103	27,844	27,815	0.9	0.1	-0.9	28,562	28,006	27,943	28,549	0.0
Food products.....	2,688	2,748	2,621	-2.2	4.8	-6.2	2,671	2,547	2,416	2,649	0.8
Beverage and tobacco products.....	4,006	4,068	4,209	-1.5	-3.3	1.0	4,219	3,794	3,850	4,284	-1.5
Textiles.....	1,163	1,174	1,148	-0.9	2.3	0.3	1,166	1,181	1,162	1,243	-6.2
Textile products.....	553	553	561	0.0	-1.4	-0.5	555	560	570	569	-2.5
Apparel.....	1,064	1,043	1,016	2.0	2.7	2.6	1,073	1,062	1,040	1,071	0.2
Leather and allied products.....	116	122	121	-4.9	0.8	-4.0	114	122	120	115	-0.9
Paper products.....	1,398	1,386	1,374	0.9	0.9	0.2	1,400	1,411	1,393	1,328	5.4
Printing.....	1,829	1,769	1,815	3.4	-2.5	2.1	1,968	1,963	1,996	1,929	2.0
Petroleum and coal products.....	2,976	2,865	2,746	3.9	4.3	3.7	3,048	2,930	2,924	2,958	3.0
Chemical products.....	10,193	9,982	10,068	2.1	-0.9	-2.7	10,278	10,335	10,355	10,382	-1.0
Plastics and rubber products.....	2,117	2,134	2,136	-0.8	-0.1	-0.3	2,070	2,101	2,117	2,021	2.4
<u>FINISHED GOODS</u>											
All manufacturing industries.....	178,363	179,212	179,830	-0.5	-0.3	1.0	177,870	181,333	180,985	167,870	6.0
Durable goods industries.....	87,199	87,862	87,728	-0.8	0.2	1.2	85,853	88,871	88,405	81,558	5.3
Wood products.....	4,492	4,525	4,549	-0.7	-0.5	-0.1	4,266	4,404	4,496	4,147	2.9
Nonmetallic mineral products.....	5,499	5,511	5,579	-0.2	-1.2	3.2	5,309	5,479	5,639	4,807	10.4
Primary metals.....	7,274	7,396	7,536	-1.6	-1.9	0.7	7,053	7,313	7,504	6,182	14.1
Fabricated metal products.....	12,456	12,655	12,743	-1.6	-0.7	-0.9	12,150	12,615	12,860	12,262	-0.9
Machinery.....	16,826	16,695	16,511	0.8	1.1	3.2	16,545	16,561	16,274	14,608	13.3
Computers and electronic products.....	10,003	9,991	10,035	0.1	-0.4	1.2	9,862	10,398	10,216	9,605	2.7
Electrical equipment, appliances, and components.....	4,931	4,922	4,921	0.2	0.0	-0.3	4,802	4,925	4,974	4,783	0.4
Transportation equipment.....	12,258	12,749	12,563	-3.9	1.5	0.6	12,261	13,432	13,009	12,042	1.8
Furniture and related products.....	3,388	3,333	3,250	1.7	2.6	-0.3	3,407	3,418	3,384	3,113	9.4
Miscellaneous products.....	10,072	10,085	10,041	-0.1	0.4	2.7	10,198	10,326	10,049	10,009	1.9
Nondurable goods industries.....	91,164	91,350	92,102	-0.2	-0.8	0.7	92,017	92,462	92,580	86,312	6.6
Food products.....	19,396	19,361	19,472	0.2	-0.6	-0.5	20,202	20,013	19,310	19,737	2.4
Beverage and tobacco products.....	5,672	5,733	5,689	-1.1	0.8	2.5	5,795	5,842	5,702	5,702	1.6
Textiles.....	1,730	1,716	1,709	0.8	0.4	-2.6	1,695	1,739	1,753	1,940	-12.6
Textile products.....	1,702	1,727	1,704	-1.4	1.3	-0.4	1,688	1,735	1,696	1,746	-3.3
Apparel.....	3,830	3,818	3,763	0.3	1.5	-1.1	4,021	3,995	3,989	3,504	14.8
Leather and allied products.....	510	497	499	2.6	-0.4	-0.4	517	503	513	431	20.0
Paper products.....	6,582	6,645	6,788	-0.9	-2.1	0.3	6,473	6,627	6,775	6,120	5.8
Printing.....	1,878	1,872	1,851	0.3	1.1	1.3	1,975	1,992	1,888	1,917	3.0
Petroleum and coal products.....	13,715	13,569	13,998	1.1	-3.1	5.3	14,298	13,926	14,430	11,153	28.2
Chemical products.....	26,502	26,341	26,636	0.6	-1.1	-0.4	26,026	26,322	26,692	25,150	3.5
Plastics and rubber products.....	9,647	10,071	9,993	-4.2	0.8	0.7	9,327	9,768	9,832	8,912	4.7

^p Preliminary^f Revised

See note at end of Table 2 relating to survey error and revisions.

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Sep 2005 ^p	Aug 2005 ^r	Jul 2005	Jun 2005	Sep 2005 ^p	Aug 2005 ^r	Jul 2005	Jun 2005
All manufacturing industries ²	1.18	1.17	1.20	1.19	(X)	(X)	(X)	(X)
Durable goods industries ²	1.34	1.34	1.38	1.36	4.19	4.12	4.18	4.09
Wood products.....	1.17	1.20	1.19	1.18	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.12	1.14	1.16	1.14	(X)	(X)	(X)	(X)
Primary metals.....	1.52	1.56	1.63	1.62	1.33	1.30	1.27	1.25
Fabricated metal products.....	1.52	1.53	1.58	1.56	2.00	1.99	2.00	1.96
Machinery.....	1.79	1.80	1.84	1.80	3.38	3.41	3.48	3.45
Computers and electronic products ² ..	1.21	1.19	1.22	1.20	4.44	4.31	4.38	4.29
Electrical equipment, appliances, and components.....	1.32	1.29	1.33	1.34	1.97	1.90	1.89	1.90
Transportation equipment.....	1.13	1.12	1.16	1.14	8.52	8.10	8.38	8.17
Furniture and related products.....	1.19	1.20	1.17	1.17	1.18	1.19	1.08	1.11
Miscellaneous products.....	1.65	1.67	1.65	1.61	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	0.98	1.00	1.01	(X)	(X)	(X)	(X)
Food products.....	0.74	0.73	0.74	0.73	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.59	1.51	1.61	1.55	(X)	(X)	(X)	(X)
Textiles.....	1.31	1.28	1.25	1.22	(X)	(X)	(X)	(X)
Textile products.....	1.24	1.28	1.30	1.31	(X)	(X)	(X)	(X)
Apparel.....	1.85	1.83	1.79	1.74	(X)	(X)	(X)	(X)
Leather and allied products.....	1.87	1.86	1.91	1.84	(X)	(X)	(X)	(X)
Paper products.....	1.08	1.07	1.07	1.02	(X)	(X)	(X)	(X)
Printing.....	0.90	0.90	0.90	0.89	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.66	0.68	0.71	0.71	(X)	(X)	(X)	(X)
Chemical products.....	1.20	1.14	1.17	1.23	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.11	1.15	1.16	1.16	(X)	(X)	(X)	(X)

^p Preliminary

^r Revised

X Not Applicable

¹ Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Sep ¹ 2005	Sep ² 2004-Aug 2005	Sep ¹ 2005	Sep ² 2004-Aug 2005	Sep ¹ 2005	Sep ² 2004-Aug 2005	Sep ¹ 2005	Sep ² 2004-Aug 2005
All manufacturing industries.....	(X)	0.4	(X)	0.5	(X)	0.1	(X)	0.1
Durable goods industries.....	-0.2	0.4	-0.3	0.6	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	0.0	0.5	0.1	1.3	0.1	0.6	-0.2	0.4
Fabricated metal products.....	-0.3	0.5	0.1	0.6	0.2	0.3	-0.1	0.3
Machinery.....	-0.7	0.7	-0.7	1.4	-0.1	0.4	0.1	0.2
Computers and electronic products	0.0	0.6	-0.3	1.4	-0.1	0.2	0.4	0.4
Electrical equipment, appliances, and components.....	-0.6	0.3	0.9	0.8	0.6	0.5	-0.1	0.2
Transportation equipment.....	-0.3	0.4	-0.8	0.8	-0.1	0.1	0.0	0.2
Furniture and related products.....	(X)	0.5	(X)	0.8	(X)	0.6	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	0.9	(X)	0.7	(X)	0.4
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Beverage and tobacco products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.8
Textile products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel.....	(X)	1.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.5
Plastics and rubber products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,000 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,000 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,000 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source.

Additional survey documentation can be found on our web site: <http://www.census.gov/m3>.

2006 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
Nov 2005		January 4, 2006
Dec 2005	January 26, 2006	February 3, 2006
Jan 2006	February 24, 2006	March 6, 2006
Feb 2006	March 24, 2006	March 31, 2006
Mar 2006	April 26, 2006	May 3, 2006
Apr 2006	May 24, 2006	June 2, 2006
May 2006	June 23, 2006	July 5, 2006
Jun 2006	July 27, 2006	August 3, 2006
Jul 2006	August 24, 2006	August 31, 2006
Aug 2006	September 27, 2006	October 4, 2006
Sep 2006	October 26, 2006	November 2, 2006
Oct 2006	November 28, 2006	December 5, 2006
Nov 2006	December 22, 2006	